

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-567 REV. E AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-567 REV. 2

REF. TCCA STC: SH92-18

REF. FAA STC: SH989NE AND SH990NE

REF. EASA STC: EASA.IM.R.S.0560 AND EASA.IM.R.S.01561

PUSPOSE:

It has come to DART Aerospace's attention that the installation of the D350-567-113 Replacement Window Kit on 2 aircraft, serial numbers 4117 and 4258, has not been accomplished in accordance with Installation Instructions D350-567 Rev. E. The purpose of this Service Instruction is to acknowledge these deviations and confirm acceptability on these two serial numbers only.

DISCUSSION:

On both subject aircraft, the D350-567-113 Replacement Window Kit has been installed too far forward by approximately 1 inch (25.4 mm) with the following results:

Installation Instructions D350-567 Rev. E specifies that qty(21) AN526C832R9 Screws and qty(12) 1/4-Turn Fasteners are required to fasten in place the D3290-041 Replacement Window Assembly. Ref. Figure 25 of Installation Instructions D350-567 Rev. E.

Case 1: Installation of D350-567-113 on AS350 B3+ S/N 4117 / R/N LN-OPW


The installation shown in Figure 1 of this Service Instruction illustrates that qty(23) AN526C832R9 Screws and qty(10) 1/4-Turn Fasteners were used to fasten in place the D3290-041 Replacement Window Assembly, Extra Large.






Case 2: Installation of D350-567-113 on AS350 B3+ S/N 4258 / R/N LN-AXB

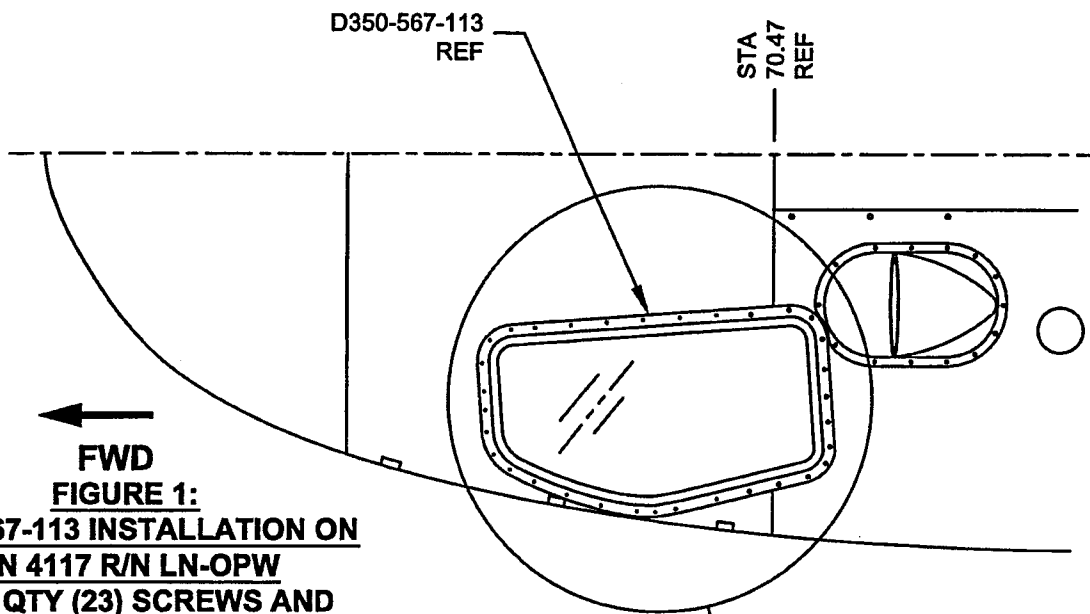
The installation shown in Figure 2 of this Service Instruction illustrates that qty(23) AN526C832R9 Screws and qty(9) 1/4-Turn Fasteners were used to fasten in place the D3290-041 Replacement Window Assembly, Extra Large. Also, note that qty(1) fastener hole has been left empty due to direct alignment with the edge of aircraft fairing.

After review of the substantiating data, it has been determined that the loads on the fasteners are sufficiently low that the denoted installation shown in Figures 1 and 2 are structurally acceptable. In all other aspects, installation of the D350-567-113 Replacement Window Kit must be per Installation Instructions D350-567 Rev. E and continued airworthiness of the D350-567-113 Replacement Window Kit must be per ICA-D350-567 Rev. 2 or later approved revisions.

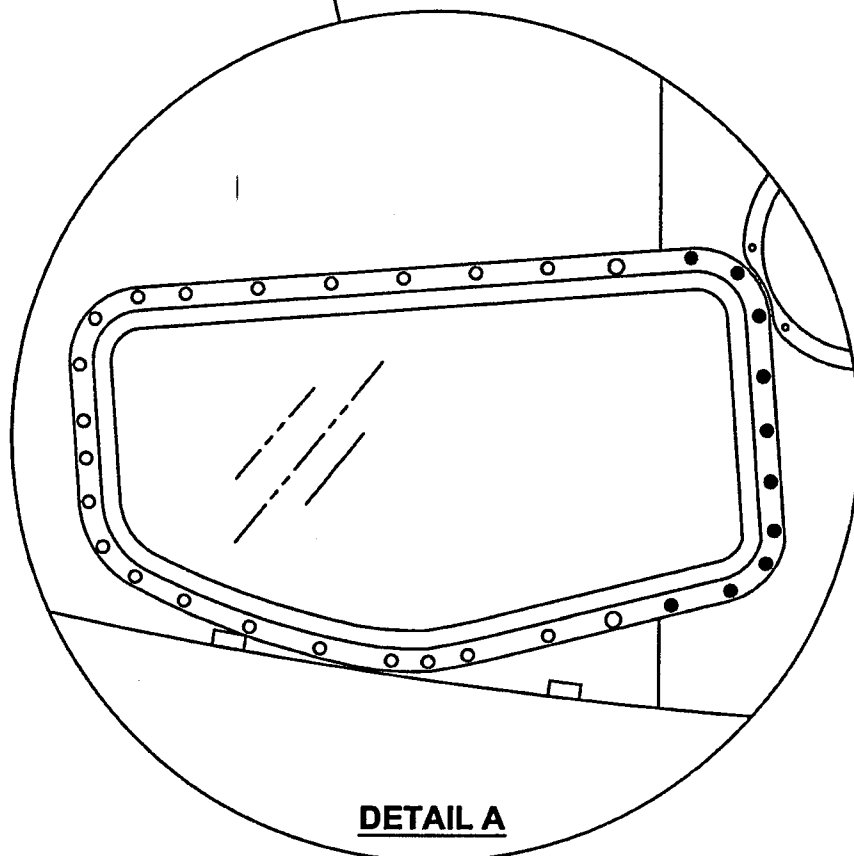
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D. SHEPHERD (DE # 02)
DATE: 17.10.17
CERT. NO.: SH92-18
ISSUE NO.: 6

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FIGURE 1:
D350-567-113 INSTALLATION ON
S/N 4117 R/N LN-OPW
USES QTY (23) SCREWS AND
QTY (10) 1/4-TURN FASTENERS



LEGEND:
 O: SCREW
 ●: 1/4-TURN FASTENER

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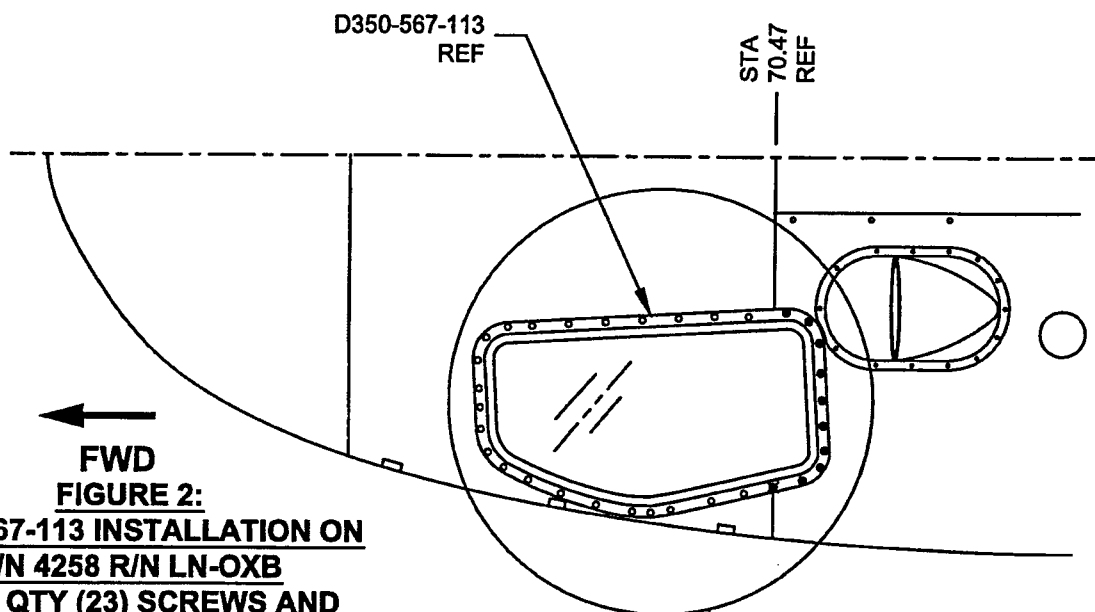
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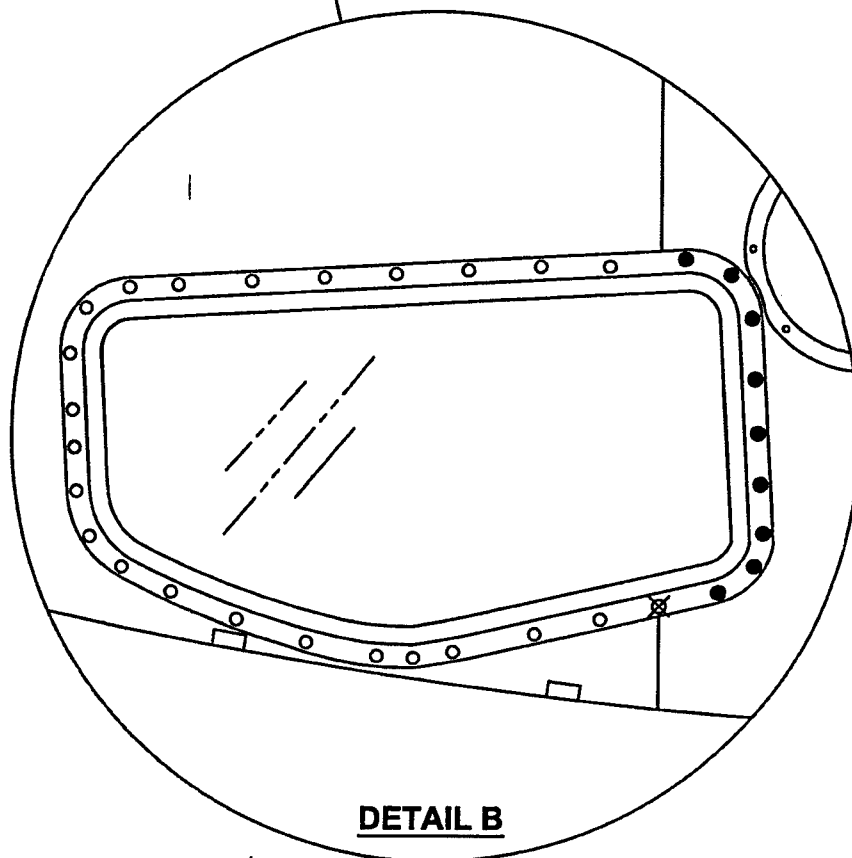
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FIGURE 2:
D350-567-113 INSTALLATION ON
S/N 4258 R/N LN-OXB
USES QTY (23) SCREWS AND
QTY (9) 1/4-TURN FASTENERS



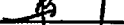

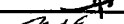


LEGEND:
 O: SCREW
 ●: 1/4-TURN FASTENER
 ☒: NO FASTENER

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